

CLAIMS

1. Wiper blade to clean windows, in particular of motor vehicles, with a rubber elastic wiper strip (24), which can be placed on the one band surface (22) of a band-like, long-stretched-out, elastic supporting element (12) arranged on the window (14), whereby the other band surface (16) of the supporting element is covered by another component (40) of the wiper blade (10) at least in sections and this covering part grips under holding edges (38) of the supporting element with claw-like projections (54, 56) arranged in the longitudinal direction of the wiper blade, characterized in that the covering part (40), manufactured of an elastic plastic, is provided with an armoring (60) in the area of its projections (54, 56) whose strength is greater than the strength of the plastic used for the covering part (40).
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- 10 2. Wiper blade according to Claim 1, characterized in that the armoring (60) is comprised of a metal.
15 3. Wiper blade according to one of Claims 1 or 2, characterized in that the holding edges of the supporting element are formed on its two outside longitudinal edges (38), that two rows of L-shaped holding claws aligned in the longitudinal direction of the supporting element are situated at a distance from one another on the underside of the covering part (40) facing the supporting element (12), whose one L-leg crosses the plane of the supporting element (12) on its longitudinal edges and whose other L-leg grips under the supporting element (12) in such a way that these [holding claws] extend from their one L-legs
20 towards one another, whereby the L-legs are provided with the armoring (60).
25 4. Wiper blade according to Claim 3, characterized in that the armoring of the holding claws (56) is embodied to be U-shaped, whereby the U-base reinforces the one L-leg and the U-shape always grips around the longitudinal edge of the supporting element (12).
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5. Wiper blade according to Claim 4, characterized in that a plurality of U-shaped metal reinforcements (66) that are a part of the covering part's armoring and are situated at a distance from one another are arranged in the longitudinal direction of the covering part (40), whose one U-leg is always anchored in the covering part (40).
10. 6. Wiper blade according to Claim 5, characterized in that at least several of the U-legs of the reinforcements (66) anchored in the covering part (40) and allocated to a common longitudinal edge of the supporting element (12) are connected to the corresponding U-legs allocated to the other longitudinal edge via bridge-like extensions (68) that are a part of the armoring (60).
15. 7. Wiper blade according to one of Claims 5 or 6, characterized in that at least a portion of the metal reinforcements (66) adjoining one another in the longitudinal direction of the wiper blade are connected to one another by at least one longitudinal bridge (67).
20. 8. Wiper blade according to Claim 7, characterized in that the longitudinal bridges (67) are arranged on the U-legs anchored in the covering part.
25. 9. Wiper blade according to one of Claims 6 through 8, characterized in that the covering part is embodied as a wind deflector strip (40), whose air flow blade (52) extends away from the supporting element (12) and that at least a portion of the extensions (76) with a deformation (77) extend the air flow blades (46, 52).
30. 10. Wiper blade according to one of Claims 1 through 9, characterized in that the supporting element (12) for the wiper strip (24) is accommodated in a channel (93) penetrating the wiper strip in the longitudinal direction so that an intermediate wall (95) of the wiper strip is covered by its holding edges.

11. Wiper blade according to one of Claims 1 through 9, characterized in that the supporting element (12) features two spring rails (36) positioned at a distance from one another and arranged parallel to one another on a common plane, whose facing longitudinal edges (30) lie in the lateral edge-opened longitudinal grooves (34) of the wiper strip (24) and whose longitudinal edges (38), facing away from one another, project out of the longitudinal grooves and form the holding edges of the supporting element (12).
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12. Wiper blade according to Claim 11, characterized in that at least the one leg of the one row of holding claws is provided with an initial bevel (181) on its underside, which encloses an open acute angle (α) on the wiper strip side with a perpendicular line (182) positioned on one band surface of the supporting element (12).
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